

SECRET



Interim Progress Report
Contract RD-84
WO. 28-2000-2
Job No. 175

This report covers the work done through January 1956 in modifying 4 type K-20 cameras as per above referenced Work Order.

1. Battery cases have been designed, built, and corrosion proofed. These cases mount inside the optical compartment with a vent to the outside only.
2. The shutter timing problem has been solved by use of a capacitance-delayed relay. A similar system is expected to be used for the lamp flash timing and is now undergoing investigation.
3. The general problem of improving the uniformity of illumination is now being investigated.
4. Labyrinth seals have been built between the cover and the camera body.
5. All cameras have been checked and reconditioned by Fairchild Camera and Instrument Co.

PHOTOMECHANISMS, INC.
Huntington Station, N.Y.

February 6, 1956

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